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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,857	09/22/2003	Jeyhan Karaoguz	14332US02	1392
23446 7590 01/04/2008 MCANDREWS HELD & MALLOY, LTD 500 WEST MADISON STREET SUITE 3400 CHICAGO, IL 60661			EXAMINER WANG, LIANG CHE A	
			ART UNIT 2153	PAPER NUMBER
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

72

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/667,857		KARAOGUZ ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Liang-che Alex Wang		2153	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 December 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 1-32 are presented for examination.
2. Claims 1, 12, 23, and 28 are amended.
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/06/07 has been entered.

### ***The New Grounds of Rejection***

4. Applicant's amendment and argument with respect to claims 1-32 filed on 12/06/2007 have been fully considered but they are deemed to be moot in views of the new grounds of rejection.

### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:  

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
6. Claims 1-32 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

7. Referring to claims 1, 12, 23, and 28, claims 1, 12, 23, and 28 recites the limitation "the group of users", however, "a group of users" and "a self-administered group of users" were defined in the claim, so "the group of users" renders the claims vague and indefinite.
8. All dependent claims are rejected to as having the same deficiencies as the claims they depend from.

***Claim Rejections - 35 USC § 103***

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
10. Claims 1-7, 10-18, 21-25, 28-30 are are rejected under 35 U.S.C. 103(a) as being unpatentable over Lu, US Patent Number 7,065,778 B1, hereinafter Lu, in views of Billmaier et al., US Patent Number 7,055,104, hereinafter Billmaier.
11. Referring to claim 1, Lu teaches a system (system 300, figure 3) providing search functionality to support the exchange and consumption of media (Col 11 lines 41-53, Col 2 lines 9-28) among a group of users (each PVR is associated with a user , abstract), the system comprising:

a first television display (display 212 of PVR 200A; figure 2 and Col 6 lines 21-28) in a first home (the place where PVR 200A resides corresponds to "a first home"; Col 6 lines 43-61, Col 1 lines 64-67, figure 3);

a first storage (data storage device 218 of PVR 200A corresponds to “a first storage”) in the first home that stores the media (Col 6 lines 50-53, Col 10 lines 40-43);

the first storage supporting consumption of the media by the first television display in the first home (Col 10 lines 26-29, 40-43, data storage device 218 of a PVR is used for storing TV programs for future viewing), and having a first network address associated with a first user (IP address of PVR 200A corresponds to “an associated first network address”; Col 10 lines 10-15, each PVR is associated with an IP address, so each user of the PVR is also associated with the IP address);

a second television display (display 212 of PVR 200; Col 6 lines 21-28) in a second home (the place where PVR 200 resides corresponds to “a second home”; figure 3);

a second storage (data storage device 218 of PVR 200 corresponds to “a second storage”) supporting consumption of the media by the second television display in the second home (Col 10 lines 26-29, 40-43, data storage device 218 of a PVR is used for storing TV programs for future viewing), and having a second network protocol address associated with a second user (IP address of PVR 200 corresponds to “an associated second network address”; Col 10 lines 10-15, each PVR is associated with an IP address, so each user of the PVR is also associated with the IP address);

search software (EGP server 304) that receives a request (search topic from PVR 200) comprising user defined search criteria (Col 12 lines 16-24, user-

filled search form corresponds to “user defined search criteria”) and one of the first and second associated network protocol addresses (IP address of PVR 200, Col 10 lines 10-15, each PVR is associated with an IP address), the first and second associated network protocol addresses (IP address of PVR 200 and PVR 200A) representing members of a pre-defined group of users (Col 6 lines 39-61, users associated with IP addresses of PVRs corresponds to “members of a pre-defined group of users”, PVR available in the search database are members of a pre-defined group of users), where the predefined group of users is defined based on authorization by the member (the user) of the group of the users (Col 6 line 66- Col 7line 1, figure 3, user of TV head-end 308 is a subscriber of the EPG service, therefore PVR 200A and 200B are defined to be the predefined group based on authorization of the user of TV head-end 308 at the time the user of TV head-end 308 subscribes to the EGP services to allow PVR 200A and 200B to be available for searching and providing recoded TV show to remote PVRs), and responds by identifying media currently stored on at least one of the first and second storage (PVR 200A is a located to provide the requested content, Col 12 lines 55-61, Col 31-35) the identified media matching the user defined search criteria (Col 11 lines 43-53, Col 12 lines 29-32, the matched result is returned to PVR 200).

Lu does not explicitly teach, wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

Billmaier teaches an interactive television system in a television network environment that is similar to Lu (figure 1 and related passage), and wherein that in each interactive television system contains a videoconferencing buddy list for

the user video conferencing with other users in the network (Col 8 lines 63-67), and wherein the buddy list corresponds to the wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list of other users and allow each user to organize friends and families on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

12. Referring to claim 2, Lu as modified teaches the system of claim 1 wherein the media comprises one or more of audio, a still image, video, and data (Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).
13. Referring to claim 3, Lu as modified teaches the system of claim 1 wherein the first and second network protocol addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN) (Col 10 lines 10-15, each PVR is associated with an IP address).
14. Referring to claim 4, Lu as modified teaches the system of claim 1 wherein the first storage and second storage communicatively couple via a communication

network that comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).

15. Referring to claim 5, Lu as modified teaches the system of claim 4 wherein the communication network is the Internet (Col 7 lines 1-8, Internet 302).
16. Referring to claim 6, Lu as modified teaches the system of claim 1 wherein consumption comprises one or more of playing digitized audio, displaying a still image, displaying video, and/or displaying data (Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).
17. Referring to claim 7, Lu as modified teaches the system of claim 1 wherein the user defined search criteria comprises one or more of a time period, a device type, a specific media, a media type, a specific media channel, and/or a media channel type (Col 12 lines 10-24, Col 6 lines 43-45, the search topics which contains the requested TV show corresponds to "a specific media").
18. Referring to claim 10, Lu as modified teaches the system of claim 1 further comprising: at least one server (EGP server 340, figure 3) for storing media (Col 7 lines 48-53, Col 8 lines 24-26) the at least one server having been designated by a user for searching (Col 11 lines 41-47, PVR 200 sends search topics to server 304); and the search software responding by identifying media stored on the at



least one server (Col 11 lines 48-53), the identified media matching the user defined search criteria (Col 11 lines 42-48, Col 12 lines 19-29).

19. Referring to claim 11, Lu as modified teaches the system of claim 10 wherein the at least one server comprises one or more of a 3rd party media provider, a media peripheral, a personal computer, a 3rd party storage vendor, and/or a broadband head end (Col 7 lines 20-24, lines 53-58, server 304 could be a 3rd party storage vendor).

20. Referring to claim 12, Lu teaches a system (system 300, figure 3) providing search functionality to support the exchange and consumption of media (Col 11 lines 41-53, Col 2 lines 9-28) among a group of users (each PVR is associated with a user , abstract), the system comprising:

a first storage (data storage device 218 of PVR 200A corresponds to “a first storage”) for storing media (Col 6 lines 50-53, Col 10 lines 40-43) in a first home (the place where PVR 200A resides corresponds to “a first home”; Col 6 lines 43-61; Col 1 lines 64-67; figure 3), and having a first protocol address associated with a first user (IP address of PVR 200A corresponds to “an associated first protocol address”; Col 10 lines 10-15, each PVR is associated with an IP address, so each user of the PVR is also associated with the IP address);

a second storage (data storage device 218 of PVR 200 corresponds to “a second storage”) for storing media (Col 6 lines 50-53, Col 10 lines 40-43) in a second home (the place where PVR 200 resides corresponds to “a second home”; figure 3), and having a second protocol address associated with a second user (IP

address of PVR 200 corresponds to “an associated second protocol address”; Col 10 lines 10-15, each PVR is associated with an IP address, so each user of the PVR is also associated with the IP address);

set top box circuitry (PVR 200A corresponds to “set top box circuitry”; Col 5 lines 26-35), in the first home, communicatively coupled to support searching of storage at the first and second associated protocol addresses (Col 11 lines 41-62, PVR 200A is located to provided the requested content).

search software (EGP server 304) that receives a request (search topic from PVR 200) comprising user defined search criteria (Col 12 lines 16-24, user-filled search form corresponds to “user defined search criteria”) and one of the first and second associated network protocol addresses (IP address of PVR 200; Col 10 lines 10-15, each PVR is associated with an IP address), the first and second associated network protocol addresses (IP address of PVR 200 and PVR 200A) representing members of a pre-defined group of users (Col 6 lines 39-61, users associated with IP addresses of PVRs corresponds to “members of a pre-defined group of users”, PVR available in the search database are members of a pre-defined group of users), where the predefined group of users is defined based on authorization by the member of the group of users (Col 6 line 66-Col 7line 1, figure 3, user of TV head-end 308 is a subscriber of the EPG service, therefore PVR 200A and 200B are defined to be the predefined group based on authorization of the user of TV head-end 308 at the time the user of TV head-end 308 subscribes to the EGP services to allow PVR 200A and 200B to be available for searching and providing recoded TV show to remote PVRs), and responds by

identifying the media currently available at one or both of the the first and second associated protocol addresses (Col 6 lines 45-50, IP address of PVR 200A is located (identified) for server to send request to record desired TV shows) the identified media matching the user defined search criteria (Col 11 lines 43-53, Col 12 lines 29-32, the matched result is returned to PVR 200).

Lu does not explicitly teach, wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

Billmaier teaches an interactive television system in a television network environment that is similar to Lu (figure 1 and related passage), and wherein that in each interactive television system contains a videoconferencing buddy list for the user video conferencing with other users in the network (Col 8 lines 63-67), and wherein the buddy list corresponds to the wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list of other users and allow each user to organize friends and families on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

21. Referring to claim 13, Lu as modified teaches the system of claim 12 wherein the media comprises one or more of audio, a still image, video, and data (Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).
22. Referring to claim 14, Lu as modified teaches the system of claim 12 wherein the first and second protocol addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN) (Col 10 lines 10-15, each PVR is associated with an IP address).
23. Referring to claim 15, Lu as modified teaches the system of claim 12 wherein the set top box circuitry and the second storage communicatively couple via a communication network that comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).
24. Referring to claim 16, Lu as modified teaches the system of claim 15 wherein the communication network is the Internet (Col 7 lines 1-8, Internet 302).
25. Referring to claim 17, Lu as modified teaches the system of claim 12 wherein consumption comprises one or more of playing digitized audio, displaying a still image, displaying video, and/or displaying data (Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

26. Referring to claim 18, Lu as modified teaches the system of claim 12 wherein the user defined search criteria comprises one or more of a time period, a device type, a specific media, a media type, a specific media channel, and/or a media channel type (Col 12 lines 10-24, Col 6 lines 43-45, the search topics which contains the requested TV show corresponds to “a specific media”).
27. Referring to claim 21, Lu as modified teaches the system of claim 12 further comprising: at least one server (EGP server 340, figure 3) for storing media (Col 7 lines 48-53, Col 8 lines 24-26) the at least one server having been designated by a user for searching (Col 11 lines 41-47, PVR 200 sends search topics to server 304); and the search software responding by identifying media stored on the at least one server (Col 11 lines 48-53), the identified media matching the user defined search criteria (Col 11 lines 42-48, Col 12 lines 19-29).
28. Referring to claim 22, Lu as modified teaches the system of claim 21 wherein the at least one server comprises one or more of a 3rd party media provider, a media peripheral, a personal computer, a 3rd party storage vendor, and/or a broadband head end (Col 7 lines 20-24, lines 53-58, server 304 could be a 3rd party storage vendor).
29. Referring to claim 23, Lu teaches a system (system 300, figure 3) providing search functionality to support the exchange and consumption of media (Col 11 lines 41-53, Col 2 lines 9-28) among a group of users (each PVR is associated with a user , abstract), the system comprising:
- a first storage (data storage device 218 of PVR 200A corresponds to “a first storage”) for storing media (Col 6 lines 50-53, Col 10 lines 40-43) in a first

home (the place where PVR 200A resides corresponds to “a first home”; Col 6 lines 43-61; Col 1 lines 64-67; figure 3) of a first user (Col 6 lines 43-45, user of PVR 200A), the first user being one of a pre-defined group of users (Col 6 lines 39-61, users associated with IP addresses of PVRs corresponds to “members of a pre-defined group of users”), where the predefined group of users is defined based on authorization by a user of the members (Col 6 line 66-Col 7line 1, figure 3, user of TV head-end 308 is a subscriber of the EPG service, therefore PVR 200A and 200B are defined to be the predefined group based on authorization of the user of TV head-end 308 at the time the user of TV head-end 308 subscribes to the EGP services to allow PVR 200A and 200B to be available for searching and providing recoded TV show to remote PVRs);

a second storage (data storage device 218 of PVR 200 corresponds to “a second storage”) for storing media (Col 6 lines 50-53, Col 10 lines 40-43) in a second home (the place where PVR 200 resides corresponds to “a second home”; figure 3) of a second user, (Col 6 lines 43-45, user of PVR 200), the second user being one of a pre-defined group of users (Col 6 lines 39-61, users associated with IP addresses of PVRs corresponds to “members of a pre-defined group of users”);

set top box circuitry, in at least one of the first and second homes (PVR 200 and PVR 200A), the set top box circuitry communicatively coupled to support the identification of media available to the pre-defined group of users (Col 6 lines 35-61, PVR are utilized to record and provide user requested media); and

search software (EGP server 304) that receives user defined search criteria (Col 12 lines 16-24, user-filled search form corresponds to “user defined search criteria”) and that responds by identifying media currently available within the pre-defined group of users (PVR 200A is located to provide the requested content, Col 12 lines 55-61, Col 31-35), the identified media matching the user defined search criteria (Col 11 lines 43-53, Col 12 lines 29-32, the matched result is returned to PVR 200).

Lu does not explicitly teach, wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

Billmaier teaches an interactive television system in a television network environment that is similar to Lu (figure 1 and related passage), and wherein that in each interactive television system contains a videoconferencing buddy list for the user video conferencing with other users in the network (Col 8 lines 63-67), and wherein the buddy list corresponds to the wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list of other users and allow each user to organize friends and families

on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

30. Referring to claim 24, Lu as modified teaches the system of claim 23 wherein the media comprises one or more of audio, a still image, video, and/or data (Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

31. Referring to claim 25, Lu as modified teaches the system of claim 23 wherein the user defined search criteria comprises one or more of a time period, a device type, a specific media, a media type, a specific media channel, and a media channel type (Col 12 lines 10-24, Col 6 lines 43-45, the search topics which contains the requested TV show corresponds to "a specific media").

32. Referring to claim 28, Lu teaches a system (system 300, figure 3) providing search functionality to support the exchange and consumption of media (Col 11 lines 41-53, Col 2 lines 9-28) among a group of users (each PVR is associated with a user , abstract), the system comprising:

set top box circuitry, in at least one of the first and second homes (PVR 200 and PVR 200A), the set top box circuitry communicatively coupled to support the identification of media available to the pre-defined group of users (Col 6 lines 35-61, PVR are utilized to record and provide user requested media) where the predefined group of users is defined based on authorization by a user of the members (Col 6 line 66-Col 7line 1, figure 3, user of TV head-end 308 is a subscriber of the EPG service, therefore PVR 200A and 200B are defined to be the predefined group based on authorization of the user of TV head-end 308 at the



time the user of TV head-end 308 subscribes to the EGP services to allow PVR 200A and 200B to be available for searching and providing recoded TV show to remote PVRs); and

search software (EGP server 304) that receives user defined search criteria (Col 12 lines 16-24, user-filled search form corresponds to “user defined search criteria”) and that responds by identifying media currently available within the pre-defined group of users (PVR 200A is located to provide the requested content, Col 12 lines 55-61, Col 31-35), the identified media matching the user defined search criteria (Col 11 lines 43-53, Col 12 lines 29-32, the matched result is returned to PVR 200).

Lu does not explicitly teach, wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

Billmaier teaches an interactive television system in a television network environment that is similar to Lu (figure 1 and related passage), and wherein that in each interactive television system contains a videoconferencing buddy list for the user video conferencing with other users in the network (Col 8 lines 63-67), and wherein the buddy list corresponds to the wherein the group of users is administered by a member of the groups of user and where the group of users is self-administered.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list of other users and allow each user to organize friends and families on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

33. Referring to claim 29, Lu as modified teaches the system of claim 23 wherein the media comprises one or more of audio, a still image, video, and/or data (Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).
34. Referring to claim 30, Lu as modified teaches the system of claim 23 wherein the user defined search criteria comprises one or more of a time period, a device type, a specific media, a media type, a specific media channel, and a media channel type (Col 12 lines 10-24, Col 6 lines 43-45, the search topics which contains the requested TV show corresponds to "a specific media").
35. Claims 8, 9, 19, 20, 26, 27, 31 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lu, US Patent Number 7,065,778 B1, hereinafter Lu, in view of Billmaier et al., US Patent Number 7,055,104, hereinafter Billmaier, and in further views of Cohen et al., US Patent Number 6,963,358, hereinafter Cohen.
36. Referring to claim 8, Lu as modified teaches the system of claim 1 further comprising: the search software responding by identifying media stored on the at least one storage (Col 11 lines 41-47), the identified media matching the user defined search criteria (Col 12 lines 16-29).

Lu does not expressly teaches at least one media peripheral communicatively coupled to the first storage, the at least one media peripheral having storage; and where the media stored on the at least one media peripheral.

Cohen teaches, at least one media peripheral (digital camera 10'), communicatively coupled to the second storage (device 100b, figure 6A, Col 13 lines 37-39); the at least one media peripheral having storage (Col 2 lines 36-37), and software responding by identifying media stored on the at least one media peripheral (Col 13 lines 22-33, Col 14 lines 19-27, user requests to server for accessing and downloading data captured from digital camera 10')

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate at least one media peripheral of Cohen in Lu, because both Cohen and Lu teach a first device requests media information stored on a second device via a server (see figure 3 of Lu and figure 6A of Cohen), and Cohen teaches a peripheral device to supply media to a remote location (Col 4 lines 42-45)

A person with ordinary skill in the art would have been motivated to make the modification to Lu would allow the media data of a peripheral to be transmitted to a remote location and allow authorized individuals to gain access and retrieve the media data as taught by Cohen (Col 3 lines 29-31, and Col 4 lines 42-54).

37. Referring to claim 9, Lu as modified and Cohen in combination teaches the system of claim 8, and Cohen further teaches wherein the at least one media peripheral comprises one or more of a digital camera, a digital camcorder, a

television, a personal computer, a CD player, a home juke-box, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and/or a MP3 player (Col 14 lines 19-27, figure 6C of Cohen, peripheral in Cohen is a digital camera).

38. Referring to claim 19, Lu as modified teaches the system of claim 12 further comprising: the search software responding by identifying media stored on the at least one storage (Col 11 lines 41-47), the identified media matching the user defined search criteria (Col 12 lines 16-29).

Lu does not expressly teaches at least one media peripheral communicatively-coupled to the first storage, the at least one media peripheral having storage; and where the media stored on the at least one media peripheral.

Cohen teaches, at least one media peripheral (digital camera 10'), communicatively coupled to the second storage (device 100b, figure 6A, Col 13 lines 37-39); the at least one media peripheral having storage (Col 2 lines 36-37), and software responding by identifying media stored on the at least one media peripheral (Col 13 lines 22-33, Col 14 lines 19-27, user requests to server for accessing and downloading data captured from digital camera 10')

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate at least one media peripheral of Cohen in Lu, because both Cohen and Lu teach a first device requests media information stored on a second device via a server (see figure 3 of Lu and figure 6A of Cohen), and Cohen teaches a peripheral device to supply media to a remote location (Col 4 lines 42-45)

A person with ordinary skill in the art would have been motivated to make the modification to Lu would allow the media data of a peripheral to be transmitted to a remote location and allow authorized individuals to gain access and retrieve the media data as taught by Cohen (Col 3 lines 29-31, and Col 4 lines 42-54).

39. Referring to claim 20, Lu as modified and Cohen in combination teaches the system of claim 19, and Cohen further teaches wherein the at least one media peripheral comprises one or more of a digital camera, a digital camcorder, a television, a personal computer, a CD player, a home juke-box, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and/or a MP3 player (Col 14 lines 19-27, figure 6C of Cohen, peripheral in Cohen is a digital camera).

40. Referring to claim 26, Lu as modified teaches the system of claim 23 further comprising: the search software responding by identifying media stored on the at least one storage (Col 11 lines 41-47), the identified media matching the user defined search criteria (Col 12 lines 16-29).

Lu does not expressly teaches at least one media peripheral communicatively coupled to the first storage, the at least one media peripheral having storage; and where the media stored on the at least one media peripheral.

Cohen teaches, at least one media peripheral (digital camera 10'), communicatively coupled to the second storage (device 100b, figure 6A, Col 13 lines 37-39); the at least one media peripheral having storage (Col 2 lines 36-37), and software responding by identifying media stored on the at least one media

peripheral (Col 13 lines 22-33, Col 14 lines 19-27, user requests to server for accessing and downloading data captured from digital camera 10')

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate at least one media peripheral of Cohen in Lu, because both Cohen and Lu teach a first device requests media information stored on a second device via a server (see figure 3 of Lu and figure 6A of Cohen), and Cohen teaches a peripheral device to supply media to a remote location (Col 4 lines 42-45)

A person with ordinary skill in the art would have been motivated to make the modification to Lu would allow the media data of a peripheral to be transmitted to a remote location and allow authorized individuals to gain access and retrieve the media data as taught by Cohen (Col 3 lines 29-31, and Col 4 lines 42-54).

41. Referring to claim 27, Lu as modified and Cohen in combination teaches the system of claim 26, and Cohen further teaches wherein the at least one media peripheral comprises one or more of a digital camera, a digital camcorder, a television, a personal computer, a CD player, a home juke-box, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and/or a MP3 player (Col 14 lines 19-27, figure 6C of Cohen, peripheral in Cohen is a digital camera).
42. Referring to claim 31, Lu as modified teaches the system of claim 28 further comprising: the search software responding by identifying media stored on the at

least one storage (Col 11 lines 41-47), the identified media matching the user defined search criteria (Col 12 lines 16-29).

Lu does not expressly teaches at least one media peripheral communicatively coupled to the first storage, the at least one media peripheral having storage; and where the media stored on the at least one media peripheral.

Cohen teaches, at least one media peripheral (digital camera 10'), communicatively coupled to the second storage (device 100b, figure 6A, Col 13 lines 37-39); the at least one media peripheral having storage (Col 2 lines 36-37), and software responding by identifying media stored on the at least one media peripheral (Col 13 lines 22-33, Col 14 lines 19-27, user requests to server for accessing and downloading data captured from digital camera 10')

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate at least one media peripheral of Cohen in Lu, because both Cohen and Lu teach a first device requests media information stored on a second device via a server (see figure 3 of Lu and figure 6A of Cohen), and Cohen teaches a peripheral device to supply media to a remote location (Col 4 lines 42-45)

A person with ordinary skill in the art would have been motivated to make the modification to Lu would allow the media data of a peripheral to be transmitted to a remote location and allow authorized individuals to gain access and retrieve the media data as taught by Cohen (Col 3 lines 29-31, and Col 4 lines 42-54).

43. Referring to claim 32, Lu as modified and Cohen in combination teaches the system of claim 31, and Cohen further teaches wherein the at least one media peripheral comprises one or more of a digital camera, a digital camcorder, a television, a personal computer, a CD player, a home juke-box, a multi-media gateway device, a multi-media personal digital assistant, a DVD player, a tape player, and/or a MP3 player (Col 14 lines 19-27, figure 6C of Cohen, peripheral in Cohen is a digital camera).

### *Conclusion*

44. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.
45. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571)272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
46. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair->

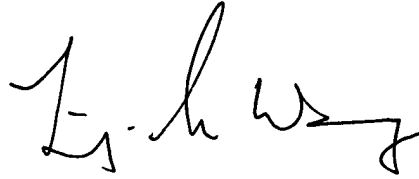


Application/Control Number:  
10/667,857  
Art Unit: 2153

Page 24

direct.uspto.gov. Should you have questions on access to the Private PAIR  
system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang  
December 26, 2007

A handwritten signature in black ink, appearing to read 'L-c. h. Wang' or similar, written in a cursive style.